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Roland K. Bowler II

Applicant:	CHO ET AL.	)	
		)	Examiner M. Genack
Appl. No.	09/941,265	)	
		)	Art Unit 2645
Confirm. No.	7226	)	
		)	Atty. Docket No. CS11122
Filed:	28 August 2001	)	

Title: "Mobile Communication Devices With Quick-Send Features And Methods Therefor"

TRANSMITTAL UNDER 37 CFR 41.37(c)

Assistant Commissioner for Patents
Alexandria, VA 22313

Sir:

The following is enclosed in response to the Notice of Panel Decision from Pre-Appeal Brief Review mailed on 22 March 2006:

CHO
"Mobile Communication Devices With
Quick-Send Features And Methods Therefor"
Atty. Docket No. CS11122

Appl. No. 09/941,265
Confirm. No. 7226
Examiner M. Genack
Art Unit 2645

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[X] Appeal Brief 37 CFR 41.37(c) (22 pages);

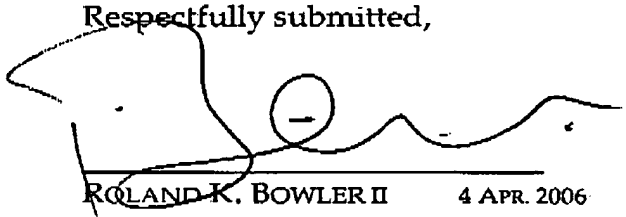
[X] Declaration under 37 CFR 1.131 (6 pages);

[X] Supp. Declaration under 37 CFR 1.131 (4 pages);

and

[X] Fee Calculation Sheet (DUPLICATE).

Respectfully submitted,



ROLAND K. BOWLER II 4 APR. 2006
REG. NO. 33,477

MOTOROLA, INC.
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PAGE 2/36 * RCVD AT 4/4/2006 7:00:12 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/13 * DNIS:2738300 * CSID:18475232350 * DURATION (mm-ss):09-04

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FEE TRANSMITTAL

Patent fees are subject to annual revision

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT ($) 500.00

Complete if Known	
Application Number	09/941,265
Filing Date	28 August 2001
First Named Inventor	CHO
Examiner Name	M. Genack
Group Art Unit	2645
Attorney Docket No.	CS11122

METHOD OF PAYMENT (*check all that apply*)

Check ☐ Credit card ☐ Money Order ☐ Other ☐ None ☐

☒ Deposit Account:

Deposit Account Number: 502117
Deposit Account Name: MOTOROLA INC.

The Director is authorized to: (*check all that apply*)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17

☐ Charge fees(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES Large Entity Fee ($)	FILING FEES Small Entity Fee ($)	SEARCH FEES Large Entity Fee ($)	SEARCH FEES Small Entity Fee ($)	EXAMINATION FEES Large Entity Fee ($)	EXAMINATION FEES Small Entity Fee ($)	Fee Paid ($)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXTRA CLAIM FEES

	Fee ($)	Small Entity Fee ($)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple Dependent Claims	360	180

Total Claims	Extra Claims	Fee ($)	Fee Paid ($)	Multiple Dependent Claims	Fee ($)	Fee Paid ($)
- 20 or HP =	x	50	=		360	

HP = highest number of total claims paid for, if greater than 3

Indep. Claims	Extra Claims	Fee ($)	Fee Paid ($)
- 3 or HP =	x	200	=

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee ($)	Fee Paid ($)
- 100 =	/50 =	(round up to a whole number)	x 250	=

4. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge – late filing fee or oath	
1052	50	2052	25	Surcharge – late Provisional filing	
1053	130	1053	130	Non-English specification	
1812	2520	1812	2520	For filing a request for ex parte Reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1020	2253	510	Extension for reply within third month	
1254	1590	2254	795	Extension for reply within fourth month	
1255	2160	2255	1080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	500
1403	1000	2403	500	Request for oral hearing	
1451	1510	1451	1510	Petition to institute a public use proceeding	
1452	500	2452	250	Petition to revive – unavoidable	
1453	1500	2453	750	Petition to revive – unintentional	
1501	1400	2501	700	Utility issue fee (or reissue)	
1502	800	2502	400	Design issue fee	
1503	1100	2503	550	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of IDS	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination	
1802	900	1802	900	Request for expedited examination of a design application	

Fee Paid ($): 500

5. OTHER FEE(S) (specify)

Non-English Specification, $130 fee (no small entity discount) — Fee Paid ($)

SUBMITTED BY	ROLAND K. BOWLER II	Registration No.	33,477	Telephone	847-523-3978
Name (Print/Type)					
Signature		Date	4 April 2006		

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PATENT

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Applicant:	CHO ET AL.	Examiner M. Genack
Appl. No.	09/941,265	Art Unit 2645
Confirm. No.	7226	Atty. Docket No. CS11122
Filed:	28 August 2001	

Title: "Mobile Communication Devices With Quick-Send Features And Methods Therefor"

APPEAL BRIEF UNDER 37 C.F.R. § 41.37(c)

Assistant Commissioner for Patents
Alexandria, Virginia 22313

Sir:

Real Party In Interest

The real party in interest is Motorola Inc. by virtue of an assignment duly executed by the named inventor(s) and recorded in the Patent Office on REEL/FRAME 011725/0540.

Related Appeals & Interferences

There are no related appeals or interferences.

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Status of Claims

Claims 1-19 are pending, stand finally rejected, and are the subject of the instant appeal. A copy of the claims pending is attached in Appendix A.

Status of Amendments

No amendments have been filed subsequent to the mailing of the final Office Action on 16 December 2005.

Summary of Claimed Subject Matter

The claims are drawn generally to wireless communication devices that associate stored information with one or more sequential inputs of the device, for example, inputs "1" or "11" or "111", etc. Cho specification, page 5, line 11 – page 7, line 17. In one embodiment, a network communication address, for example, a telephone or facsimile number, or an Internet address, is associated with sequential key inputs, including first and last inputs of the same key. Page 4, lines 11-16. The stored information, for example, the communication address, associated with the input of key is transmitted from the wireless communication device by entering the one or more sequential inputs associated therewith and maintaining the last input thereof for a minimum input time interval. Cho specification, page 7, line 18 – page 8, line 5. In a more particular embodiment, different communication addresses related to a common identifier are associated with different inputs of the same input key. For example an individual's home number may be associated with a single input of the "1" key, the individual's work number

PAGE 6/36 * RCVD AT 4/4/2006 7:00:12 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/13 * DNIS:2738300 * CSID:18475232350 * DURATION (mm-ss):09-04

may be associated with two inputs of the "11" key, and the same individual's mobile number may be associated with three inputs of the "111" key. Cho specification, Page 6, line 9 – page 7, line 9.

Grounds of Rejection for Review on Appeal

Whether Applicant's 131 Declaration supports conception of an Internet enabled wireless communication address.

Whether Applicant's 131 Declaration establishes diligence.

Whether Claims 3-4, 6-8 and 13-17 are patentable over U.S. Publication No. 2002/0091754 (Jang) in view of U.S. Patent No. 5,710,810 (Tiilikainen) under 35 USC 103(a) if the 131 Declaration is unsupported.

Whether Claims 1-2, 5 and 12 are anticipated by U.S. Patent No. 5,535,258 (Joglekar) under 35 USC 102(b).

Whether Claim 19 is patentable over Joglekar in view of Tiilikainen and Mager under 35 USC 103(a).

Arguments Re: Conception & Diligence

Rejection Summary

Claims 1-19 stand rejected under either 35 USC 102(e) or 35 USC 103(a) based on Publication No. 2002/0091754 (Jang) either alone or in combination with one or more secondary references.

Applicant's 131 Declaration filed on 28 February 2005 and the Supplemental Declaration filed on 30 September 2005, swearing back of Jang,

PAGE 7/36 * RCVD AT 4/4/2006 7:00:12 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/13 * DNIS:2738300 * CSID:18475232350 * DURATION (mm-ss):09-04

stand objected to for failure to a "...disclose Internet enabled mobile wireless communication device" and for lack of diligence, respectively.

Conception; Discussion of Applicant's 131 Declaration

Claims 9-11 relate to an Internet enabled wireless communication device that associates an Internet address with a key input and that transmits the stored Internet address from the device upon maintaining the key input for a minimum input time interval. Claim 19 specifies that one of a plurality of communications addresses includes an "Internet address". The original invention disclosure teaches associating different types of network address information, i.e., home, cell, pager, and office telephone numbers, with one or more inputs of an input key on the device, wherein transmission is effected by maintaining the last key input for a minimum input time interval.

An Internet address is a particular type of network address, as are home, cell and pager numbers. Thus the original disclosure of associating different wireless addresses with inputs from user interface keys fully encompasses the association of an Internet address with a key input. The original disclosure thus supports conception of the subject matter of Claims 9-11 and 19 prior to the effective date of Jang. Kindly withdraw the objection to Applicant's Declaration for failure to establish disclosure of an Internet address.

Diligence; Discussion of Representative's Supplemental 131 Declaration

It is only necessary to establish diligence from a time prior to the effective prior art date until the filing of the instant patent application. The

undersigned representative submitted a Supplemental Declaration under 37 CRF 1.131 establishing diligence between 26 December 2000 (effective date of Jang) and the priority filing date 30 March 2001 of the instant application. The Declaration establishes that the undersigned had a docket with reasonable number of backlog cases that were prepared expeditiously and in chronological order during the critical period. See MPEP 715.08(a) & 2138.06 "Diligence Required in Preparing and Filing Patent Application". The Supplemental Declaration therefore establishes diligence required under 37 CFR 1.131 to antedate the Jang reference. Kindly withdraw the rejections under 35 U.S.C. 102(e) and 35 U.S. C. 103(a) based on Jang.

Arguments Re: Joglekar

Rejection Summary

Claims 1-2, 5 and 12 stand rejected under 35 USC 102(b) as being anticipated by U.S. Patent No. 5,535,258 (Joglekar). Claim 19 stands rejected under 35 USC 103(a) as being anticipated by Joglekar in view of Tiilikainen and Mager. Id.

Discussion of "Maintaining"

Claims 1, 5 and 12 recite "maintaining" the last input of an input key "... for a minimum input time interval". Claim 12 recites "maintaining" the last input of an input key "... for a predetermined time interval." In the present application "maintaining" the input of the input key for a minimum input or predetermined time interval requires depressing the key for longer

PAGE 9/36 * RCVD AT 4/4/2006 7:00:12 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/13 * DNIS:2738300 * CSID:18475232350 * DURATION (mm-ss):09-04

than is required to input a number for normal (non-speed) dialing. Applicant's use of the term maintaining is set forth in the specification, on page 7, line 19-page 8, line 4 as follows:

> ... transmission of a communication address ... is performed by inputting and maintaining the last of the key inputs for a minimum input time interval. ... [T]he associated "work" telephone number for "HAN" is transmitted upon depressing and holding the "1" key for a predetermined time interval ... [and] the "Home" telephone number for "HAN" is transmitted by sequentially depressing the "1" key twice, within a software specified time interval that would capture two sequential inputs by most users, and then maintaining the "1" key input for another predetermined time interval.

To be sure, the American Heritage® Dictionary of the English Language, Fourth Edition, defines "main·tained, main·tain·ing, main·tains" as follows: **2.** *To keep in an existing state; preserve or retain: maintain one's composure.* Thus in the present application, including Claims 1, 2, 5 and 12, "maintaining" means depressing and holding an input key for some minimum or predetermined time interval other than what is required to actuate the switch.

Overview of Joglekar

At col. 10: 20-28, Joglekar discloses depressing input key (M1 or M2) 318 or 324 to actuate a switch that causes a processor to initiate automatic dialing. Joglekar does not disclose "maintaining" the input key beyond what is necessary to actuate the switch as recited in Claims 1, 2, 5 and 12. In Joglekar, there is no need to differentiate between speed dial inputs and normal (non-speed) dial inputs, since Joglekar uses dedicated keys 318 and 324 for speed dialing and numeric keys for normal dialing. Thus in Joglekar, it is

unnecessary to hold or "maintain" keys 318 or 324 beyond what is necessary to make an electrical contact when speed dialing.

Discussion of Claim 1

Regarding Claim 1, Joglekar fails to disclose or suggest a

> ... method for sending information stored in a wireless communication device, comprising:
> associating information stored on the wireless communication device with sequential inputs from an input key on the wireless communication device,
> the sequential inputs including a first input and a last input;
> transmitting stored information from the wireless communication device by entering sequential inputs associated therewith and maintaining the last input thereof for a minimum input time interval.

Joglekar discloses speed dialing by depressing one or more input keys associated with a particular number. At col. 10: 20-28, Joglekar discloses that depression of an input key actuates a switch that causes a processor to initiate automatic dialing. Joglekar does not disclose "maintaining" the input beyond what is necessary to actuate the switch. The "... maintaining the last input thereof for a minimum input time interval" limitation of Claim 1 is not inherent in Joglekar, since Joglekar does not disclose depressing the input key for any longer than is required to actuate the switch. Thus, contrary to the Examiner's assertion, Claim 1 is patentably distinguished over Joglekar.

Allowability of Claim 5

Regarding Claim 5, Joglekar fails to disclose or suggest an

> ... method for communicating from a mobile wireless communication device, comprising:
>
> associating a communication address stored on the mobile wireless communication device with sequential key inputs on the mobile wireless communication device,
>
> the sequential key inputs including a first key input and a last key input;
>
> transmitting a stored communication address from the mobile wireless communication device by entering sequential inputs associated therewith and maintaining the last key input for a minimum input time interval.

Joglekar discloses speed dialing by depressing one or more input keys associated with a particular number. At col. 10: 20-28, Joglekar discloses that depression of an input key actuates a switch that causes a processor to initiate automatic dialing. Joglekar does not disclose "maintaining" the input beyond what is necessary to actuate the switch. The "... maintaining the last input thereof for a minimum input time interval" limitation of Claim 5 is not inherent in Joglekar, since Joglekar does not disclose depressing the key for period longer than required to actuate the switch. Thus, contrary to the Examiner's assertion, Claim 5 is patentably distinguished over Joglekar.

Allowability of Claim 12

Regarding Claim 12, Joglekar fails to disclose or suggest a

> ... mobile wireless communication device, comprising:
>
> a processor;
>
> a memory for storing a plurality of communication addresses;
>
> an input pad having a plurality of input keys;
>
> means for associating a first communication address stored in memory with first and second sequential inputs of one of the input keys,

PAGE 12/36 * RCVD AT 4/4/2006 7:00:12 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/13 * DNIS:2738300 * CSID:18475232350 * DURATION (mm-ss):09-04

> means for transmitting the first communication address from the mobile wireless communication device upon entering the sequential key inputs associated therewith and upon maintaining a last of the sequential key inputs for a predetermined time interval.

Joglekar discloses speed dialing by depressing one or more input keys associated with a particular number. At col. 10: 20-28, Joglekar discloses that depression of an input key actuates a switch that causes a processor to initiate automatic dialing. Joglekar does not disclose "maintaining" the input beyond what is necessary to actuate the switch. The "... maintaining the last input thereof for a minimum input time interval" limitation of Claim 12 is not inherent in Joglekar, since Joglekar does not disclose depressing the key for any longer than is required to actuate the switch. Contrary to the Examiner's assertion, Claim 12 is thus patentably distinguished over Joglekar.

Arguments Re: Jang & Tiilikainen

Rejection Summary

Claims 3-4, 6-8 and 13-17 stand rejected under 35 USC 103(a) as being unpatentable over U.S. Publication No. 2002/0091754 (Jang) in view of U.S. Patent No. 5,710,810 (Tiilikainen).

The Examiner concedes that Jang "... does not expressly disclose the feature whereby at least two separate telephone numbers are associated with one name one [sic; on] the wireless telephone's calling list." Office action, 16 December 2005, page 6. The Examiner alleges, however, that Tiilikainen discloses that "... a given individual on the user's list may have more than one telephone number associated with him, in the context of quick dialing from a mobile telephone...." Id.

Discussion of Claim 3

Regarding Claim 3, the prior art fails to disclose or suggest in combination with the limitations of Claim 1,

> ... storing at least first and second communication addresses related to a common identifier on the wireless communication device;
>
> associating the first communication address with a single input from a first input key, associating the second communication address with at least two sequential inputs from the first input key;
>
> transmitting the first communication address by entering the single input from the first input key for a specified time interval, transmitting the second communication address by entering the at least two sequential inputs from the first input key and maintaining the last of the at least two sequential inputs for a specified time interval.

Contrary to the Examiner's assertion, Jang does not disclose speed dialing by associating a communication address with multiple strokes of the same input key. That Jang discloses the speed dial number may be "any numbers" does not support the conclusion that Jang suggests speed dialing a communication address using multiple inputs of the same key. Tiilikainen merely discloses associating different telephone numbers with the same individual. There is no suggestion in either reference for associating more than one communication address related to a common identifier with corresponding inputs of the same key. Moreover, assuming Jang suggests associating a communication address with multiple inputs of the same key, there is no suggestion in Jang for associating different numbers of inputs of the same key with corresponding addresses associated with the same identifier, e.g., the same individual. Claim 3 is thus patentably distinguished over the art.

PAGE 14/36 * RCVD AT 4/4/2006 7:00:12 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/13 * DNIS:2738300 * CSID:18475232350 * DURATION (mm-ss):09-04

Discussion of Claim 6

Regarding Claim 6, the prior art fails to disclose or suggest in combination with the limitations of Claim 5,

> ... associating a first communication address stored on the mobile wireless communication device with a single key input on the mobile wireless communication device,
>
> associating a second communication address stored on the mobile wireless communication device with at least first and second sequential key inputs of the same key input associated with the first communication address,
>
> transmitting the first communication address from the mobile wireless communication device by entering the single key input associated therewith and maintaining the single key input for a minimum input time interval;
>
> transmitting the second communication address from the mobile wireless communication device by entering the first and second sequential key inputs associated therewith and maintaining the second key input for a minimum input time interval.

Contrary to the Examiner's assertion, Jang does not disclose speed dialing by associating a communication address with multiple strokes of the same input key. That Jang discloses the speed dial number may be "any numbers" does not support the conclusion that Jang suggests speed dialing a communication address using multiple inputs of the same key. Claim 6 is not limited to associating the communication addresses with a common entity. Thus the relevance of Tiilikainen is unclear. Claim 6 is thus patentably distinguished over the art.

Discussion of Claim 7

Regarding Claim 7, the prior art fails to disclose or suggest in combination with the limitations of Claim 6,

> ... associating the first and second communication addresses stored on the mobile wireless communication device with a common identifier.

Tiilikainen merely discloses associating different telephone numbers with the same individual. There is no suggestion in either reference for associating more than one communication address related to a common identifier with corresponding inputs of the same key. Moreover, assuming Jang suggests associating a communication address with multiple inputs of the same key, there is no suggestion in Jang for associating different numbers of inputs of the same key with corresponding addresses associated with the same identifier, e.g., the same individual. Claim 7 is thus patentably distinguished over the art.

Discussion of Claim 13

Regarding Claim 13, the prior art fails to disclose or suggest in combination with the limitations of Claim 12,

> ... means for associating a second communication address stored in memory with a single input of the same input key associated with the first communication address,
>
> means for transmitting the second communication address from the mobile wireless communication device upon entering the single key input associated therewith and upon maintaining the key input for a predetermined time interval.

Contrary to the Examiner's assertion, Jang does not disclose speed dialing by associating a communication address with multiple strokes of the same input key. That Jang discloses the speed dial number may be "any numbers" does not support the conclusion that Jang suggests speed dialing a communication address using multiple inputs of the same key. Claim 13 is not limited to associating the communication addresses with a common identifier, e.g., the same individual. Thus the relevance of Tiilikainen is unclear. Claim 13 is thus patentably distinguished over the art.

Discussion of Claim 14

Regarding Claim 14, the prior art fails to disclose or suggest in combination with the limitations of Claim 13,

> ... the first and second communication addresses associated with a common identifier stored in memory.

Tiilikainen merely discloses associating different telephone numbers with the same individual. There is no suggestion in either reference for associating more than one communication address related to a common identifier with corresponding inputs of the same key. Moreover, assuming Jang suggests associating a communication address with multiple inputs of the same key, there is no suggestion in Jang for associating different numbers of inputs of the same key with corresponding addresses associated with the same identifier, e.g., the same individual. Claim 14 is thus patentably distinguished over the art.

PAGE 17/36 * RCVD AT 4/4/2006 7:00:12 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/13 * DNIS:2738300 * CSID:18475232350 * DURATION (mm-ss):09-04

CHO
"Mobile Communication Devices With
Quick-Send Features And Methods Therefor"
Atty. Docket No. CS11122

Appl. No. 09/941,265
Confirm. No. 7226
Examiner M. Genack
Art Unit 2645

Prayer For Relief

In view of the discussion above, the Claims of the present application are patentably distinguished over the art. Kindly withdraw any rejections and objections and allow this application to issue as a United States Patent without further delay.

Respectfully submitted,

ROLAND K. BOWLER II 4 APR. 2006
REG. NO. 33,477

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PAGE 18/36 * RCVD AT 4/4/2006 7:00:12 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/13 * DNIS:2738300 * CSID:18475232350 * DURATION (mm-ss):09-04

CLAIMS PENDING ON APPEAL

1. (Original) A method for sending information stored in a wireless communication device, comprising:

associating information stored on the wireless communication device with sequential inputs from an input key on the wireless communication device,

the sequential inputs including a first input and a last input;

transmitting stored information from the wireless communication device by entering sequential inputs associated therewith and maintaining the last input thereof for a minimum input time interval.

2. (Original) The method of claim 1, associating information stored on the wireless communication device with sequential inputs of the same input key on the wireless communication device.

3. (Original) The method of Claim 1,

storing at least first and second communication addresses related to a common identifier on the wireless communication device;

associating the first communication address with a single input from a first input key, associating the second communication address with at least two sequential inputs from the first input key;

transmitting the first communication address by entering the single input from the first input key for a specified time interval, transmitting the second communication address by entering the at least two sequential inputs from the first input key and maintaining the last of the at least two sequential inputs for a specified time interval.

PAGE 19/36 * RCVD AT 4/4/2006 7:00:12 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/13 * DNIS:2738300 * CSID:18475232350 * DURATION (mm-ss):09-04

4. (Original) The method of Claim 3, storing the first communication address in a memory address location having an identity corresponding to a numeric input key number, storing the second communication address in a memory address location having an identity corresponding to at least two of the numeric input key numbers.

5. (Original) A method for communicating from a mobile wireless communication device, comprising:

associating a communication address stored on the mobile wireless communication device with sequential key inputs on the mobile wireless communication device,

the sequential key inputs including a first key input and a last key input;

transmitting a stored communication address from the mobile wireless communication device by entering sequential inputs associated therewith and maintaining the last key input for a minimum input time interval.

6. (Original) The method of Claim 5,

associating a first communication address stored on the mobile wireless communication device with a single key input on the mobile wireless communication device,

associating a second communication address stored on the mobile wireless communication device with at least first and second sequential key inputs of the same key input associated with the first communication address,

transmitting the first communication address from the mobile wireless communication device by entering the single key input associated

PAGE 20/36 * RCVD AT 4/4/2006 7:00:12 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/13 * DNIS:2738300 * CSID:18475232350 * DURATION (mm-ss):09-04

therewith and maintaining the single key input for a minimum input time interval;

transmitting the second communication address from the mobile wireless communication device by entering the first and second sequential key inputs associated therewith and maintaining the second key input for a minimum input time interval.

7. (Original) The method of Claim 6, associating the first and second communication addresses stored on the mobile wireless communication device with a common identifier.

8. (Original) The method of claim 7,

associating a third and fourth of communication addresses stored on the mobile wireless communication device with a second common identifier,

associating the third communication address with a second single key input on the mobile wireless communication device, the second single key input different than the single key input,

associating the third communication address with at least first and second sequential key inputs of the same key input associated with the third communication address,

transmitting the third communication address from the mobile wireless communication device by entering the second single key input associated therewith and maintaining the second single key input for a minimum input time interval;

transmitting the fourth communication address from the mobile wireless communication device by entering the first and second sequential key

PAGE 21/36 * RCVD AT 4/4/2006 7:00:12 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/13 * DNIS:2738300 * CSID:18475232350 * DURATION (mm-ss):09-04

inputs associated therewith and maintaining the corresponding second key input for a minimum input time interval.

9. (Original) A method for transmitting an Internet address from an Internet enabled mobile wireless communication device, comprising:

associating an Internet address stored on the mobile wireless communication device with at least one key input on the mobile wireless communication device;

transmitting the stored Internet address from the mobile wireless communication device by entering the key input associated therewith and maintaining the key input for a minimum input time interval.

10. (Original) The method of Claim 9,

associating the Internet address stored on the mobile wireless communication device with a plurality of at least two sequential key inputs on the mobile wireless communication device,

the sequential key inputs including a first key input and a last key input;

transmitting the stored Internet address from the mobile wireless communication device by entering sequential first and second key inputs associated therewith and maintaining the last key input for a minimum input time interval.

11. (Previously Presented) The method of Claim 10, associating the Internet address stored on the mobile wireless communication device with a plurality of at least two sequential key inputs of the same key on the mobile wireless communication device.

PAGE 22/36 * RCVD AT 4/4/2006 7:00:12 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/13 * DNIS:2738300 * CSID:18475232350 * DURATION (mm-ss):09-04

12. (Original) A mobile wireless communication device, comprising:

a processor;

a memory for storing a plurality of communication addresses;

an input pad having a plurality of input keys;

means for associating a first communication address stored in memory with first and second sequential inputs of one of the input keys,

means for transmitting the first communication address from the mobile wireless communication device upon entering the sequential key inputs associated therewith and upon maintaining a last of the sequential key inputs for a predetermined time interval.

13. (Original) The mobile wireless communication device of Claim 12,

means for associating a second communication address stored in memory with a single input of the same input key associated with the first communication address,

means for transmitting the second communication address from the mobile wireless communication device upon entering the single key input associated therewith and upon maintaining the key input for a predetermined time interval.

14. (Original) The mobile wireless communication device of Claim 13, the first and second communication addresses associated with a common identifier stored in memory.

PAGE 23/36 * RCVD AT 4/4/2006 7:00:12 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/13 * DNIS:2738300 * CSID:18475232350 * DURATION (mm-ss):09-04

15. (Original) The mobile wireless communication device of Claim 13,

means for associating a third communication address with first, second and third sequential inputs of the same input key associated with the first and second communication addresses,

means for transmitting the third communication address from the mobile wireless communication device upon entering the sequential key inputs associated therewith and upon maintaining a last of the sequential key inputs for a predetermined time interval.

16. (Original) The mobile wireless communication device of Claim 15, the first, second and third communication addresses associated with a common identifier stored in the memory.

17. (Original) The mobile wireless communication device of Claim 13, the input key is a numeric input key having a single numeral, the second communication address stored in a memory location identified by the numeral of the numeric input key.

18. (Original) The mobile wireless communication device of Claim 17, the first communication address stored in a memory location identified by juxtaposition of the numeral of the numeric input key in first and second adjacent decimal positions.

19. (Original) The mobile wireless communication device of Claim 13, the plurality of communications addresses include at least one of a telephone number, an Internet address and an e-mail address.

PAGE 24/36 * RCVD AT 4/4/2006 7:00:12 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/13 * DNIS:2738300 * CSID:18475232350 * DURATION (mm-ss):09-04

RELATE PROCEEDINGS APPENDIX

There are no related proceedings currently pending before the United States Patent Office or state or Federal courts.

PAGE 25/36 * RCVD AT 4/4/2006 7:00:12 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/13 * DNIS:2738300 * CSID:18475232350 * DURATION (mm-ss):09-04

EVIDENCE APPENDIX

The following is attached:

131 Declaration & Appendix of 28 February 2005 (6 pages);

131 Supplemental Declaration & Appendix of 30 September 2005 (4 pages).

PAGE 26/36 * RCVD AT 4/4/2006 7:00:12 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/13 * DNIS:2738300 * CSID:18475232350 * DURATION (mm-ss):09-04

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PATENT

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant:	CHO ET AL.	)	
		)	Examiner M. Genack
Appl. No.	09/941,265	)	
		)	Art Unit 2645
Confirm. No.	7226	)	
		)	Atty. Docket No. CS11122
Filed:	28 August 2001	)	

Title: "Mobile Communication Devices With Quick-Send Features And Methods Therefor"

DECLARATION UNDER 37 C.F.R. § 1.131

Commissioner for Patents
Alexandria, Virginia 22313-1450

Sir:

This declaration is to establish conception of the subject matter of the present application in the United States or other region permitted by Rule prior to the effective date of United States Patent Application Publication No. 2002/0091754 A1 filed on 26 December 2000 entitled "Wireless Internet Shortcut Connection method Using Numerical Combination And Wireless Internet Connection Method Using Shortcut Buttons" to Jung et al. (Jung), and diligence to the filing the present application (constructive reduction to practice) from a time prior to the effective date of the Jung Publication to a priority filing date of the present patent application.

In support of this Declaration, I, Han S. CHO, declare and sayeth the following:

That claimed subject matter of the referenced patent application stands subject to a rejection under 35 U.S.C. 102(e) for anticipation by United States Patent Application Publication No. 2002/0091754 A1 filed on 26 December 2000 entitled "Wireless Internet Shortcut Connection method Using Numerical Combination And Wireless Internet Connection Method Using Shortcut Buttons" to Jung et al. (Jung);

That the claimed subject matter of the referenced patent application was conceived in the United States or other provincial region permitted by Rule before the effective date (26 December 2000) of Jung in the course of employment by Motorola Inc., the assignee of record at REEL/FRAME 012141/0842;

That the claimed subject matter of the referenced patent application was the subject of a written invention disclosure (No. CS11122) (attached) prepared and submitted, with diligence, before 26 December 2000 to a patent committee of Motorola Inc., the assignee of the instant patent application, for the purpose of documenting and evaluating invention disclosures for patent protection;

That the redacted conception date (MPEP 715.07) on the attached written invention disclosure (No. CS11122) is before the 26 December 2000 effective date of Jung;

That, after consideration of the written invention disclosure (No. CS11122) by the Motorola Inc. patent committee, a patent specification and drawings were prepared by or on behalf of an attorney or patent agent of the

assignee based on the subject matter of the written invention disclosure (No. CS11122) and that the patent specification and drawings were reviewed, completed with diligence from a time prior to the 26 December 2000 effective date of Jung to the filing date of a United States provisional application, Provisional Appl. No. 60/280,224 filed on 30 March 2001;

That the instant patent application, filed on 28 August 2001, claims benefits under 35 U.S.C. 120 from the Provisional Appl. No. 60/280,224, filed on 30 March 2001, and that instant patent application contains no new matter relative to the Provisional Application from which priority is claimed;

That all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Han S. Cho 2/28/05

Han S. CHO Date

STATE OF ILLINOIS
COUNTY OF LAKE

This instrument was acknowledged before me by Han S. CHO on the 28TH day of February, 2005.

Jennifer H. Magness
Jennifer Magness, Notary Public

OFFICIAL SEAL
JENNIFER H MAGNESS
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES:06/14/06

MOTOROLA INC.
Personal Communications Sector

Security Classification
Motorola Confidential Proprietary (when completed)

Inventor(s) will not fill in
Operation: Leadership - Cristiano
DISCLOSURE NO.: CS-11122
Patent Committee Action: Pursue [redacted]
Inventor(s) Name(s): Cho

DISCLOSURE FOR PATENT COMMITTEE

SUBMITTED PURSUANT TO EMPLOYMENT AGREEMENT

FOR INSTRUCTIONS FOR COMPLETION REFER TO DISCLOSURE INSTRUCTION PROCEDURE
Inventor must fill in items 1 thru 12.
Items 2 to 5 may require extra sheets. BE SURE they are signed, witnessed and attached.

1. **Name of the invention. (Limit to ten words.)**

Memory Key

2. **State the problem(s) resolved by the invention.**

Reduces confusions, avoids having to memorize more numbers, and reduces call making time. Improves convience factor.

3. **Describe the invention in detail. Include its operation, purpose, environment and how problem(s) were solved. (Use separate sheets as required.)** *(see attachod sheet)*

By adding multiple, repeating, numbers as a memeory location for phone/pager numbers, users can easily associate someone's numbers (office, home, cell, pager, etc.) into one set of memory location (i.e. 5, 55, 555, 5555, etc.).

4. **What new elements (e.g. components, circuits, process steps) or combinations of known elements or software algorithm produced the improvement(s) over known technology?**

A software update will allow this to happon. Instead of limiting the memory location from 0 to 99, includo memory locations for repeating numbors (2, 22, 222, 2222, etc.) without having to create momory locations for all #beyond 99.

5. **List the closest known technology (attach article, patent, catalog sheet or other documentation).**

N/A

6. **What are the potential applications for use of this invention?**

Being the leader in cell phone inovatin, the potential for this invention is very high. Any phones with key pads can benefit from this invention.

7. **Conception date?** [redacted] **ttach earliest log sheets, drawings, etc., to support date**

8. **To whom did you first disclose this invention? Name:** *Mark Janninck* **Date** [redacted]

9. **Date the device was first built and tested.** *NA*
Present location of the device?

DETERMINATION OF LEGAL INVENTORSHIP FOR PATENT APPLICATION MUST BE MADE BY THE PATENT DEPARTMENT.

Inventor's signature (IMPORTANT - YOU MUST USE YOUR FULL FIRST, MIDDLE AND LAST NAMES).

10. Inventor's Full Name: (Type)	Signature	Date	Social Sec. No.
Han S. Cho	Han S. Cho	[redacted]	10318?2

Home Address: Street	City	State	Country	Zip Code
1676 Valley Forge Ct. Unit C	*Wheaton*	*IL*	*USA*	*60187*

Citizen of (i.e. U.S., Germany, Etc.)	Dept. No.	Phone	Room No.	Employee Status
U.S.	*BB590*	*847-523-4931*	*AN253*	*X* Permanent / Contractor

11. Inventor's Full Name: (Type)	Signature	Date	Social Sec. No.

Home Address: Street	City	State	Country	Zip Code

Citizen of (i.e. U.S., Germany, Etc.)	Dept. No.	Phone	Room No.	Employee Status
				___ Permanent / Contractor

PCSNI-PC Office97-Excel (990527), from Macintosh EXCELv2.2 (910125)-p.1

Page 2 - Disclosure No. | Security Classification: Motorola Confidential Proprietary (when completed)

12. Inventor's Full Name: (Type) | Signature | Date | Social Sec. No.

Home Address: Street | City | State | Country | Zip Code

Citizen of (i.e. U.S., Germany, Etc.) | Dept. No. | Phone | Room No. | Employee Status: ___ Permanent ___ Contractor

Witness signatures (TWO WITNESSES ARE REQUIRED)
Witness must sign and date this form *and all attachments.*
THE WITNESSES IN SIGNING THIS FORM ATTEST TO THE FACT THAT THEY UNDERSTAND THE INVENTION.

13. Witness Name (Type) Adam R. Cole | Signature Adam R. Cole | Date [redacted] | Phone 847-523-8783

14. Witness Name (Type) MARK JANNICK | Signature Mark Jannick | Date [redacted] | Phone 3-0544

Items 15 to 25 are to be filled in by the ENGINEERING and MARKETING/PRODUCT MANAGER or equivalent. Use separate sheets as required.
THE MANAGERS IN SIGNING THIS FORM ATTEST THAT THEY UNDERSTAND THE INVENTION

15. What product will this invention be used in? (No code names -- use brief description if necessary)
Could be used in any phones with key boards.

16. When (was) (will) the first offer for sale of a product incorporating this invention (be) made? Date: N.A

17. When is the estimated shipping date? NA

18. When (was) (will) the first disclosure outside of Motorola (be) made? How and to whom? Nondisclosure agreement signed? State title and date of publication, if any.

19. What is the market for products incorporating this invention?
As more manufacturers move to improve user interface, simplifying and updating our usability of the phone makes this idea a critical element

20. Who are the potential competitors? What is the possibility this invention will be used by competitors? Which ones?
All competitions are looking to improve user interface and user suplicity.

21. Did this invention result from work on a development contract: (YES) (NO) Contract No. ____
Who was the contracting party?

22. Discuss the business impact that this invention will have on Motorola. Be specific and quantitative.
The market for cell phones will be over 400 million in 2001. Consumers will pay more attention to user interface or user simplicity when making purchase decisions.

23. Engineering Manager's Name (Type) Scott D. Bertuch | Signature Scott D. Bertuch | Date [redacted] | Dept. No. 20578 | Phone 3-3370

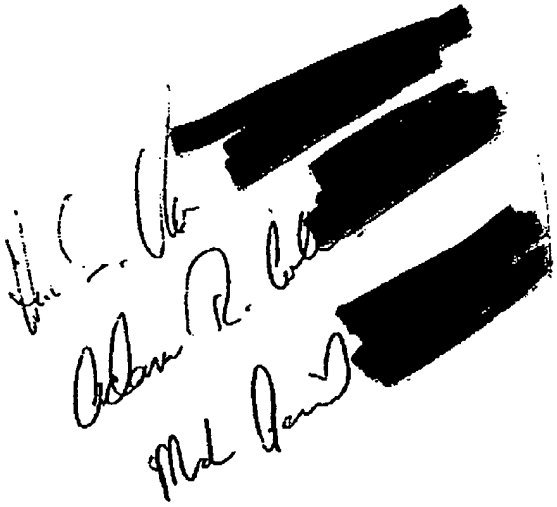
24. Product/Marketing Manager's Name (Type) | Signature | Date | Dept. No. | Phone

25. The Manager must determine the security classification of this information. See Personnel Policy #840, and Corporate SOP E60, Protection of Proprietary Information.

PCSNI-PC Office97-Excel (990527), from Macintosh EXCELv2.2 (910125)-p.2

Purpose of this idea is to add convenience and simplicity to already hectic user interface. It will be nice to associate all the telecommunication numbers of one person to one particular character from 1 to 9 for the 9 most active people dialed.
For instance: If I associate my boss with number 7, I can appoint all of his contact information into memory locations that contain only character 7. I can assign his Cell phone number to memory location 7, Home number to memory location 77, Office number to memory location 777, and his Pager number to memory location 7777, etc. I don't need to scroll through names and number, press a lot of numbers, and have constant visual contact with the display screen trying to make a selection. The last digit pressed can be held so that it can act as a "send" command and can be used to distinguish recalling information from the memory location and not trying to dial that particular number (dialing 555 and pressing "send" will connect to Verizon operator assistance instead of dialing the number stored under that location; pressing and holding the last digit "5" can be programmed to look for the number stored under that location).

Every phone I experienced only had memory locations 1 to 99.
There may be no need to expand the memory locations beyond this, other than repeated numbers.



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PATENT

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant:	CHO ET AL.	Examiner M. Genack
Appl. No.	09/941,265	Art Unit 2645
Confirm. No.	7226	Atty. Docket No. CS11122
Filed:	28 August 2001	

Title: "Mobile Communication Devices With Quick-Send Features And Methods Therefor"

SUPPLEMENTAL DECLARATION UNDER 37 C.F.R. § 1.131

Commissioner for Patents
Alexandria, Virginia 22313-1450

Sir:

This declaration is to establish diligence in the preparation of the present application in the United States or other region permitted by Rule prior to the effective date of United States Patent Application Publication No. 2002/0091754 A1 filed on 26 December 2000 entitled "Wireless Internet Shortcut Connection method Using Numerical Combination And Wireless Internet Connection Method Using Shortcut Buttons" to Jung et al. (Jung) from a time prior to the effective date (26 December 2000) of Jung to a priority filing date (30 March 2001) of the present patent application corresponding to provisional application 60/280,224, from which the instant application claims benefits under 35 USC 120.

Applicant's Declaration dated 28 February 2001 averred that the instant application contains no new matter relative to the priority provisional application from which benefits were claimed under 35 USC 120.

In support of this Declaration, I, Roland K. Bowler II, undersigned attorney of record, declare and sayeth the following:

That an invention disclosure (Attorney Docket No. CS11122) forming the subject matter of the referenced invention was assigned to my docket after review of the disclosure by a Motorola, Inc. Patent Committee on or before the effective date of Jung;

That I expeditiously worked on the preparation and/or filing of the following patent applications on my docket backlog between the effective date (26 December 2000) of Jung and the priority filing date (30 March 2001) of the present patent application in chronological order:

Atty. Docket No.	Filing Date	Application No.
CS10219 - Grivas	03 Jan 2001	09/753861
CS10560 - Alberth	24 Jan 2001	09/769122
CS10553 - Walczak	26 Jan 2001	09/770873
CS90038 - Zhao	16 Feb 2001	09/785960
CS10204 - Zhao	20 Feb 2001	09/788753
CS10999 - Sheynman	28 Feb 2001	09/795704
CS10194 - Zhou	28 Mar 2001	09/819551
CS11122 - Cho	30 Mar 2001	
CS90040 - King	26 Apr 2001	10/071630
CS11004 - Schwent	14 May 2001	09/854858
CS10785 - Phillips	18 May 2001	09/861118
CS11092 - Mallette	31 May 2001	09/871116

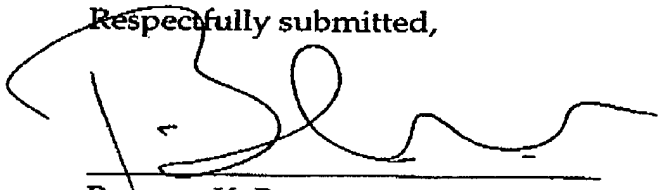
PAGE 34/36 * RCVD AT 4/4/2006 7:00:12 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/13 * DNIS:2738300 * CSID:18475232350 * DURATION (mm-ss):09-04

That I sent a draft patent specification and drawings to the inventor for review prior to 28 March 2001, and thereafter I sent a revised patent specification to the inventor on 28 March 2001. A true copy of an e-mail cover message evidencing these communications is attached as Exhibit A;

That the provisional patent application 60/280,224 from which the instant application claims benefits under 35 USC 120 was filed expeditiously on 30 March 2001 upon final review and approval of the specification and drawings by the inventor on 30 March 2001; and

That all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,



ROLAND K. BOWLER II 30 SEPT. 2005
REG. NO. 33,477

MOTOROLA, INC.
INTELLECTUAL PROPERTY DEPT. (RKB)
600 NORTH U.S. HIGHWAY 45, AN475
LIBERTYVILLE, ILLINOIS 60048

TELEPHONE NO. (847) 523-3978
FACSIMILE NO. (847) 523-2350

EXHIBIT A

Bowler Roland-ARB032

From: Bowler Roland-ARB032
Sent: Wednesday, March 28, 2001 5:09 PM
To: Cho Han-W17871
Subject: RE: cs11122 - Quick Send Memory Key; Patent application

CONFIDENTIAL & PRIVILEGED COMMUNICATION
PREPARED IN RESPONSE TO A
REQUEST FOR LEGAL ADVICE

Kindly review the attached revised patent specification for accuracy and completeness before signing the formal paper tomorrow. The drawings remain unchanged.

Any revisions should be forwarded to me immediately.

Finally, kindly note that inventors have an ongoing duty to disclose to the Patent Office any information, e.g. prior patents, publications, etc., that is material to the patentability of the claimed inventions. Please bring any information of which you are now aware or later become aware to my attention promptly so that we may discharge our duty accordingly. Contact me if you are in doubt about the relevance of any information.

Thank you for your assistance with this important matter.

cs11122.SPEC.doc

-----Original Message-----
From: Cho Han-W17871
Sent: Wednesday, March 28, 2001 4:01 PM
To: Bowler Roland-ARB032
Subject: RE: cs11122 - Quick Send Memory Key; Patent application

ok, I'll give you a call.

Han Cho
Vulcan/Kramer Development
Motorola, Inc.
Personal Communication Sector
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Libertyville, IL 60048

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